
Nationally Defined Values for Corrective Action Event Code

CA010 RFA Initiation

The event by which the State or EPA starts to conduct an RFA. The result must include a determination as to whether or not to proceed with an RFI at the facility.

Nationally Required - No

Schedule Date - Date upon which a full or partial RFA is scheduled to be initiated by an agency.

Actual Date - Date upon which a full or partial RFA is initiated by an agency as indicated on the first page of standardized reporting forms within the RFA document.

CA050 RFA Completed

The event by which the RFA is completed.

Nationally Required - Yes

Schedule Date - Date is scheduled to approve the result of the RFA.

Actual Date - The date upon which there is enough information to determine if there is a release or potential for release for the entire facility is so documented. If no CA processing is necessary, Event Code 070, with a Status Code NO, which indicates that CA process is terminated, should be entered after Event Code CA050-RFA Completed.

CA050PA RFA Completed - Assessment was a PA-Plus

The event by which the RFA is completed.

Nationally Required - Yes

Schedule Date - Date is scheduled to approve the result of the RFA.

Actual Date - The date upon which there is enough information to determine if there is a release or potential for release for the entire facility is so documented. If no CA processing is necessary, Event Code 070, with a Status Code NO, which indicates that CA process is terminated, should be entered after Event Code CA050-RFA Completed.

CA050RF RFA Completed - Assessment was an RFA

The event by which the RFA is completed.

Nationally Required - Yes

Schedule Date - Date is scheduled to approve the result of the RFA.

Actual Date - The date upon which there is enough information to determine if there is a release or potential for release for the entire facility is so documented. If

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no CA processing is necessary, Event Code 070, with a Status Code NO, which indicates that CA process is terminated, should be entered after Event Code CA050-RFA Completed.

CA060 Notice of Contamination

Note: A condition of any permit or order should provide for this notice of contamination or release of hazardous constituents.

Receipt by the Agency of written notification that contamination has been discovered at the RCRA facility and that the RCRA facility has notified all persons potentially impacted by the release of hazardous constituents. This event is a "floater."

Nationally Required - Yes

CA070NO Determination of Need for an RFI - RFI is not Necessary

This event indicates whether an RFI or further investigation is necessary to analyze the extent of contamination at this facility. An RFI is usually necessary when, after the initial assessment, there is evidence of or the likelihood of contamination release which poses a current or potential threat to human health and/or the environment. The event can be completed after the initial assessment (i.e., RFA or PA-Plus). A status code of NO should be entered when further investigation is not needed. "NO" may indicate that an RFI will not be needed at this site because remediation is not necessary.

Nationally Required - Yes

Actual Date - Date of determination

CA070YE Determination of Need for an RFI - RFI is Necessary

This event indicates whether an RFI or further investigation is necessary to analyze the extent of contamination at this facility. An RFI is usually necessary when, after the initial assessment, there is evidence of or the likelihood of contamination release which poses a current or potential threat to human health and/or the environment. The event can be completed after the initial assessment (i.e., RFA or PA-Plus). A status code of YE should be entered when further investigation is needed.

Nationally Required - Yes

Actual Date - Date of determination

CA075 CA Prioritization

This event indicates that a facility or area has been prioritized using the National Corrective Action Prioritization System (NCAPS) or an equivalent system which has been approved by EPA Headquarters. A status code for the priority of the facility or area should be entered at the same time as the prioritization complete date. High, Medium, and Low determinations should be based on current national guidance.

Status Codes:

- HI Facility or area was assigned a high corrective action priority.
- ME Facility or area was assigned a medium corrective action priority.
- LO Facility or area was assigned a low corrective action priority.

Nationally Required - Yes

Nationally Defined Values for Corrective Action Event Code

Schedule Date - Date prioritization is planned to be completed.

Actual Date - Date the facility has been given a priority through the use of NCAPS.

Guidance - EPA originally intended the NCAPS ranking to be a facility level ranking, but some Regions and States have found it useful to rank areas as well. Ranking for areas within a facility is not required.

CA075, which tracks facility priority derived through NCAPS, was originally intended to track one ranking of High, Medium, or Low NCAPS priority for the entire facility. As facilities are re-ranked because of more current information, or because of some action which changes the priority, the RCRAInfo system has the capability to reflect successive NCAPS rankings, while not allowing the original NCAPS rank to be overwritten. This can be done by entering an additional NCAPS ranking with the new ranking date. Do not overwrite or erase the original ranking or subsequent ranking entries. This will enable users to have a historical record of facility priority, and to complete trend analyses. The most recent NCAPS ranking, by date, will be used for facility level data pulls.

CA075HI CA Prioritization - Facility or Area was Assigned a High Corrective Action Priority

This event indicates that a facility or area has been prioritized using the National Corrective Action Prioritization System (NCAPS) or an equivalent system which has been approved by EPA Headquarters. A status code for the priority of the facility or area should be entered at the same time as the prioritization complete date. A status code of HI indicates the facility or area was assigned a high corrective action priority.

Nationally Required - Yes

Schedule Date - Date prioritization is planned to be completed.

Actual Date - Date the facility has been given a priority through the use of NCAPS.

Guidance - EPA originally intended the NCAPS ranking to be a facility level ranking, but some Regions and States have found it useful to rank areas as well. Ranking for areas within a facility is not required.

CA075, which tracks facility priority derived through NCAPS, was originally intended to track one ranking of High, Medium, or Low NCAPS priority for the entire facility. As facilities are re-ranked because of more current information, or because of some action which changes the priority, the RCRAInfo system has the capability to reflect successive NCAPS rankings, while not allowing the original NCAPS rank to be overwritten. This can be done by entering an additional NCAPS ranking with the new ranking date. Do not overwrite or erase the original ranking or subsequent ranking entries. This will enable users to have a historical record of facility priority, and to complete trend analyses. The most recent NCAPS ranking, by date, will be used for facility level data pulls.

CA075LO CA Prioritization - Facility or Area was Assigned a Low Corrective Action Priority

This event indicates that a facility or area has been prioritized using the National Corrective Action Prioritization System (NCAPS) or an equivalent system which has been approved by EPA Headquarters. A status code for the priority of the facility or area should be entered at the same time as the prioritization complete date. A status code of LO indicates the facility or area was assigned a low corrective action priority.

Nationally Required - Yes

Nationally Defined Values for Corrective Action Event Code

Schedule Date - Date prioritization is planned to be completed.

Actual Date - Date the facility has been given a priority through the use of NCAPS.

Guidance - EPA originally intended the NCAPS ranking to be a facility level ranking, but some Regions and States have found it useful to rank areas as well. Ranking for areas within a facility is not required.

CA075, which tracks facility priority derived through NCAPS, was originally intended to track one ranking of High, Medium, or Low NCAPS priority for the entire facility. As facilities are re-ranked because of more current information, or because of some action which changes the priority, the RCRAInfo system has the capability to reflect successive NCAPS rankings, while not allowing the original NCAPS rank to be overwritten. This can be done by entering an additional NCAPS ranking with the new ranking date. Do not overwrite or erase the original ranking or subsequent ranking entries. This will enable users to have a historical record of facility priority, and to complete trend analyses. The most recent NCAPS ranking, by date, will be used for facility level data pulls.

CA075ME CA Prioritization - Facility or Area was Assigned a Medium Corrective Action Priority

This event indicates that a facility or area has been prioritized using the National Corrective Action Prioritization System (NCAPS) or an equivalent system which has been approved by EPA Headquarters. A status code for the priority of the facility or area should be entered at the same time as the prioritization complete date. A status code of ME indicates the facility or area was assigned a medium corrective action priority.

Nationally Required - Yes

Schedule Date - Date prioritization is planned to be completed.

Actual Date - Date the facility has been given a priority through the use of NCAPS.

Guidance - EPA originally intended the NCAPS ranking to be a facility level ranking, but some Regions and States have found it useful to rank areas as well. Ranking for areas within a facility is not required.

CA075, which tracks facility priority derived through NCAPS, was originally intended to track one ranking of High, Medium, or Low NCAPS priority for the entire facility. As facilities are re-ranked because of more current information, or because of some action which changes the priority, the RCRAInfo system has the capability to reflect successive NCAPS rankings, while not allowing the original NCAPS rank to be overwritten. This can be done by entering an additional NCAPS ranking with the new ranking date. Do not overwrite or erase the original ranking or subsequent ranking entries. This will enable users to have a historical record of facility priority, and to complete trend analyses. The most recent NCAPS ranking, by date, will be used for facility level data pulls.

CA100 RFI Imposition

The event by which the State or EPA imposes an obligation (via an enforcement order, permit or permit modification, voluntary instrument, or state analogous program) upon the owner/operator of a facility regulated by RCRA or the equivalent state law to conduct an RFA at a facility.

Status Codes:

DC Focused data collection required for stabilization evaluation.

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Nationally Required - Yes

Schedule Date - Date the Director is expected to sign the enforcement order, permit or permit modification, voluntary instrument, or state analogous document.

Actual Date - Date the Director signs the enforcement order, permit or permit modification, voluntary instrument, or state analogous document.

CA100DC RFI Imposition - Focused Data Collection Required for Stabilization Evaluation

The event by which the State or EPA imposes an obligation (via an enforcement order, permit or permit modification, voluntary instrument, or state analogous program) upon the owner/operator of a facility regulated by RCRA or the equivalent state law to conduct an RFA at a facility.

Nationally Required - Yes

Schedule Date - Date the Director is expected to sign the enforcement order, permit or permit modification, voluntary instrument, or state analogous document.

Actual Date - Date the Director signs the enforcement order, permit or permit modification, voluntary instrument, or state analogous document.

CA110 RFI Workplan Received

The event by which a RCRA facility submits an RFI workplan to the State or EPA.

Nationally Required - Yes

Schedule Date - Due date is date in permit or order-condition.

Actual Date - Date RFI workplan is date-stamped "received" by the State or U.S. EPA.

CA120 RFI Workplan Modification Requested by Agency

The event by which the State or EPA requests that the RCRA facility modify its RFI workplan.

Nationally Required - No

Actual Date - Date of letter

CA140 RFI Workplan Notice of Deficiency Issued

The event by which the State or EPA issues a Notice of Deficiency to the Handler citing deficiencies in the proposed RFI Workplan.

Nationally Required - No

Schedule Date - Date N.O.D. is scheduled to be sent to handler.

Actual Date - Date of N.O.D.

CA150 RFI Workplan Approved

Nationally Defined Values for Corrective Action Event Code

The event by which the State or EPA approves the RFI workplan submitted by the RCRA facility.

Nationally Required - Yes

Schedule Date - Date the Director is expected to sign the letter.

Actual Date - Date the Director signs the letter.

CA155 **RFI Supplemental Information Requested by Agency**

The event by which the State or EPA requests information from the RCRA facility to modify, expand, amend, reexamine, or otherwise revisit the Workplan which had previously been approved but the report generated is not yet sufficient.

Nationally Required - No

CA160 **RFI Supplemental Information Received**

The event by which the RCRA facility submits supplemental RFI information.

Nationally Required - No

Schedule Date - Due date is date in permit or order condition, permit or order modification, or letter from State or U.S. EPA requesting supplemental information.

Actual Date - Date RFI supplemental information is date-stamped "received" by the State or U.S. EPA.

CA170 **RFI Supplemental Information Deemed Satisfactory**

The event by which the State or EPA formally approves the RFI supplemental information.

Nationally Required - No

Schedule Date - Date the Director is expected to sign the letter.

Actual Date - Date the Director signs the letter.

CA180 **RFI Implementation Begun**

The event by which the RCRA facility committed to begin any implementation in its Agency approved RFI Workplan.

Nationally Required - No

Schedule Date - Date in order or permit condition, or date facility is expected to begin implementation.

Actual Date - Date of notification or observation.

CA190 **RFI Report Received**

Nationally Defined Values for Corrective Action Event Code

The event by which a RCRA facility submits a written summary of the results of the approved RFI Workplan.

Nationally Required - No

Schedule Date - Date in permit or order condition, or date facility is expected to submit report.

Actual Date - Date report is received by State or U.S. EPA.

CA195

RFI Progress Reports Received

Receipt of reports submitted by the RCRA facility to the State or EPA during execution of the approved RFI workplan. This event is a "floater."

Nationally Required - No

Schedule Date - Dates in permit or order condition.

Actual Date - Dates reports are received by State or U.S. EPA.

CA200

RFI Approved

The event by which the State or EPA accepts the findings and recommendations of the RFI report submitted by the RCRA facility. No entry should be made under this code until the RFI enables a formal agency decision to continue with CMS or terminate the corrective action process.

Nationally Required - Yes

Schedule Date - Date the Director is expected to sign the letter.

Actual Date - Date the Director signs the letter.

CA210

CA Responsibility Referred to a Non-RCRA Federal Authority

The facility or area has been referred to CERCLA or some other Federal Non-RCRA authority. This does not imply that the RCRA program would lack the authority to go back to a RCRA facility that had been addressed under CERCLA or other non-RCRA Federal authority. It means that, as a matter of program policy, once a facility is referred to CERCLA or other non-RCRA Federal authority, we would not actively monitor the progress of the facility and would not expect the facility to "return" to RCRA, barring some unforeseen event.

Status Codes:

OT CA referred to other non-RCRA authority.

SF CA referred to CERCLA.

Nationally Required - Yes

Actual Date - Date the Agency determines that corrective action at the facility or area has been referred to CERCLA or some other Federal Non-RCRA authority.

Nationally Defined Values for Corrective Action Event Code

Guidance - The national RCRA CA program does not expect to continue keeping track of the remedial events that have been completed once a facility has been referred to Superfund. That is not to say that the RCRA program would lack the authority to go back to a RCRA facility that had been addressed under CERCLA and request additional work. However, as a matter of program policy, once a facility is referred to CERCLA, we would not actively monitor the progress of the facility and would not expect the facility to "return" to RCRA, barring some unforeseen event.

This event should not be used for facilities that are only receiving an initial assessment (PA plus) from the Superfund program, but are expected to return to the RCRA program for the facility investigation and facility remediation steps. However, if a RCRA facility, such as one that has converted to less than 90-day storage has, as a matter of national policy, been deferred to the Superfund program and if, in the case specific circumstance, the Region or authorized state has clearly transferred this facility to the Superfund queue, then the "Referred to a Non-RCRA Federal Authority" event could be entered

CA2100T CA Responsibility Referred to a Non-RCRA Federal Authority - CA Referred to Other Non-RCRA Authority

The facility or area has been referred to some other Federal Non-RCRA authority. This does not imply that the RCRA program would lack the authority to go back to a RCRA facility that had been addressed under other non-RCRA Federal authority. It means that, as a matter of program policy, once a facility is referred to other non-RCRA Federal authority, we would not actively monitor the progress of the facility and would not expect the facility to "return" to RCRA, barring some unforeseen event.

Nationally Required - Yes

Actual Date - Date the Agency determines that corrective action at the facility or area has been referred to CERCLA or some other Federal Non-RCRA authority.

Guidance - The national RCRA CA program does not expect to continue keeping track of the remedial events that have been completed once a facility has been referred to Superfund. That is not to say that the RCRA program would lack the authority to go back to a RCRA facility that had been addressed under CERCLA and request additional work. However, as a matter of program policy, once a facility is referred to CERCLA, we would not actively monitor the progress of the facility and would not expect the facility to "return" to RCRA, barring some unforeseen event.

This event should not be used for facilities that are only receiving an initial assessment (PA plus) from the Superfund program, but are expected to return to the RCRA program for the facility investigation and facility remediation steps. However, if a RCRA facility, such as one that has converted to less than 90-day storage has, as a matter of national policy, been deferred to the Superfund program and if, in the case specific circumstance, the Region or authorized state has clearly transferred this facility to the Superfund queue, then the "Referred to a Non-RCRA Federal Authority" event could be entered for these facilities.

CA210SF CA Responsibility Referred to a Non-RCRA Federal Authority - CA Referred to CERCLA

The facility or area has been referred to CERCLA. This does not imply that the RCRA program would lack the authority to go back to a RCRA facility that had been addressed under CERCLA. It means that, as a matter of program policy, once a facility is referred to CERCLA, we would not actively monitor the progress of the facility and would not expect the facility to "return" to RCRA, barring some unforeseen event.

Nationally Required - Yes

Actual Date - Date the Agency determines that corrective action at the facility or area has been referred to CERCLA.

Guidance - The national RCRA CA program does not expect to continue keeping track of the remedial events that have been completed once a facility has been

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referred to Superfund. That is not to say that the RCRA program would lack the authority to go back to a RCRA facility that had been addressed under CERCLA and request additional work. However, as a matter of program policy, once a facility is referred to CERCLA, we would not actively monitor the progress of the facility and would not expect the facility to "return" to RCRA, barring some unforeseen event.

This event should not be used for facilities that are only receiving an initial assessment (PA plus) from the Superfund program, but are expected to return to the RCRA program for the facility investigation and facility remediation steps. However, if a RCRA facility, such as one that has converted to less than 90-day storage has, as a matter of national policy, been deferred to the Superfund program and if, in the case specific circumstance, the Region or authorized state has clearly transferred this facility to the Superfund queue, then the "Referred to a Non-RCRA Federal Authority" event could be entered for these facilities.

CA225

Stabilization Measures Evaluation

This event indicates that the feasibility and appropriateness of stabilization activities at this facility have been evaluated. This evaluation should be completed using the National Corrective Action Stabilization Questionnaire or a similar type of evaluation which asks the same range of questions. A status code should be entered for the areas covered by each evaluation. The status codes are consistent with the possible outcomes from the National Corrective Action Stabilization Questionnaire.

Status Codes:

- IN Facility is not amenable to stabilization activity (lack of data).
- NF Facility is not amenable to stabilization activity at this time.
- NR Facility is not amenable to stabilization activity (other reason).
- YE Facility is amenable to stabilization activity.

Nationally Required - Yes

Schedule Date - Date facility is expected to be evaluated for stabilization measure.

Actual Date - The date the completed National Corrective Action Stabilization Questionnaire or documentation of a similar review is entered into the facility file.

Guidance - Stabilizations can be entered for the entire facility, or for certain areas at the facility.

CA225IN

Stabilization Measures Evaluation - Facility is not Amenable to Stabilization Activity (Lack of Data)

This event indicates that the feasibility and appropriateness of stabilization activities at this facility have been evaluated. This evaluation should be completed using the National Corrective Action Stabilization Questionnaire or a similar type of evaluation which asks the same range of questions. A status code should be entered for the areas covered by each evaluation. The status codes are consistent with the possible outcomes from the National Corrective Action Stabilization Questionnaire. A status code of IN should be entered if the facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.

Nationally Required - Yes

Schedule Date - Date facility is expected to be evaluated for stabilization measure.

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Actual Date - The date the completed National Corrective Action Stabilization Questionnaire or documentation of a similar review is entered into the facility file.

Guidance - Stabilizations can be entered for the entire facility, or for certain areas at the facility.

CA225NF Stabilization Measures Evaluation - Facility is not Amenable to Stabilization Activity at this Time

This event indicates that the feasibility and appropriateness of stabilization activities at this facility have been evaluated. This evaluation should be completed using the National Corrective Action Stabilization Questionnaire or a similar type of evaluation which asks the same range of questions. A status code should be entered for the areas covered by each evaluation. The status codes are consistent with the possible outcomes from the National Corrective Action Stabilization Questionnaire. A status code of NF should be entered if the facility is not amenable to stabilization activity at the present time, because it appears to be technically infeasible or inappropriate.

Nationally Required - Yes

Schedule Date - Date facility is expected to be evaluated for stabilization measure.

Actual Date - The date the completed National Corrective Action Stabilization Questionnaire or documentation of a similar review is entered into the facility file.

Guidance - Stabilizations can be entered for the entire facility, or for certain areas at the facility.

CA225NR Stabilization Measures Evaluation - Facility is not Amenable to Stabilization Activity (Other Reason)

This event indicates that the feasibility and appropriateness of stabilization activities at this facility have been evaluated. This evaluation should be completed using the National Corrective Action Stabilization Questionnaire or a similar type of evaluation which asks the same range of questions. A status code should be entered for the areas covered by each evaluation. The status codes are consistent with the possible outcomes from the National Corrective Action Stabilization Questionnaire. A status code of NR should be entered if the facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Nationally Required - Yes

Schedule Date - Date facility is expected to be evaluated for stabilization measure.

Actual Date - The date the completed National Corrective Action Stabilization Questionnaire or documentation of a similar review is entered into the facility file.

Guidance - Stabilizations can be entered for the entire facility, or for certain areas at the facility.

CA225YE Stabilization Measures Evaluation - Facility is Amenable to Stabilization Activity

This event indicates that the feasibility and appropriateness of stabilization activities at this facility have been evaluated. This evaluation should be completed using the National Corrective Action Stabilization Questionnaire or a similar type of evaluation which asks the same range of questions. A status code should be entered for the areas covered by each evaluation. The status codes are consistent with the possible outcomes from the National Corrective Action Stabilization Questionnaire. A status code of YE should be entered when the facility is amenable to stabilization activity based on the status of corrective action

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work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

Nationally Required - Yes

Schedule Date - Date facility is expected to be evaluated for stabilization measure.

Actual Date - The date the completed National Corrective Action Stabilization Questionnaire or documentation of a similar review is entered into the facility file.

Guidance - Stabilizations can be entered for the entire facility, or for certain areas at the facility.

CA250

CMS Imposition

The event by which the State or EPA formally imposes the obligation upon a RCRA facility to perform a Corrective Measures Study (CMS).

Nationally Required - No

Schedule Date - Date the Director is expected to sign the order, permit, or permit modification imposing the CMS requirement.

Actual Date - Date the Director signs the enforcement order, permit, or permit modification imposing the CMS requirement.

CA260

CMS Workplan Received

The event by which a RCRA facility submits a CMS workplan to the State or EPA.

Nationally Required - No

Schedule Date - Due date in permit or order condition.

Actual Date - Date CMS workplan is date-stamped "received" by the State or U.S. EPA.

CA270

CMS Workplan Modification Requested by Agency

The event by which the State or EPA formally requests that the RCRA facility modify its CMS workplan.

Nationally Required - No

Actual Date - Date of letter

CA300

CMS Workplan Approved

The event by which the State or EPA formally approves the CMS plan submitted by the RCRA facility. No entry should be made under this code until the Agency intends for the RCRA facility to begin conducting the CMS.

Nationally Required - Yes

Schedule Date - Date the Director is expected to sign the letter.

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CA305	<p>Actual Date - Date the Director signs the letter.</p> <p>CMS Supplemental Information Requested by Agency</p> <p>The event by which the State or EPA requests the RCRA facility to modify, amend, revisit, reexamine, or re-conduct its approved CMS.</p>
CA310	<p>Nationally Required - No</p> <p>CMS Supplemental Information Received</p> <p>The event by which the RCRA facility submits an amendment, modification, clarification, or other supplemental information regarding the CMS.</p> <p>Nationally Required - No</p>
CA320	<p>Schedule Date - Due date is date in permit or order condition, permit or order modification, or letter from State or U.S. EPA requesting supplement.</p> <p>Actual Date - Date CMS supplemental workplan is date stamped "received" by the State or U.S. EPA.</p> <p>CMS Supplemental Information Deemed Satisfactory</p> <p>The event by which the State or EPA formally approves the CMS supplemental information.</p> <p>Nationally Required - No</p> <p>Schedule Date - Date the Director is expected to sign the letter.</p>
CA330	<p>Actual Date - Date the Director signs the letter.</p> <p>CMS Implementation Begun</p> <p>The event by which a RCRA facility committed to any implementation in its agency approved CMS Workplan.</p> <p>Nationally Required - No</p> <p>Schedule Date - Date in permit or order condition, or date facility is expected to begin implementation.</p>
CA340	<p>Actual Date - Date report is received by State or U.S. EPA.</p> <p>CMS Report Received</p> <p>The event by which a RCRA facility submits a written summary of the results of the approved CMS workplan.</p> <p>Nationally Required - No</p> <p>Schedule Date - Date in permit or order condition, or date facility is expected to submit report.</p> <p>Actual Date - Date report is received by State or U.S. EPA.</p>

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CA345	<p>CMS Progress Reports Received</p> <p>Receipt of reports submitted by the RCRA facility to State or EPA during execution of the approved CMS workplan. This event is a "floater."</p> <p>Nationally Required - No</p> <p>Schedule Date - Dates in permit or order conditions.</p> <p>Actual Date - Dates reports are received by State or U.S. EPA.</p>
CA350	<p>CMS Approved</p> <p>The event by which the State or EPA approves the final CMS report submitted by the RCRA facility. No entry should be made under this code until sufficient data, information, has been provided to the Agency so that a decision to continue or terminate the corrective action process can be made.</p> <p>Nationally Required - Yes</p> <p>Schedule Date - Date the Director is expected to sign the letter.</p> <p>Actual Date - Date the Director signs the letter.</p>
CA370	<p>Petition For No Further Action Receipt Date</p> <p>Receipt by the Agency of a permit modification requested by the RCRA facility to eliminate any remaining corrective action steps which are included as conditions in the RCRA facility's permit. The event is a "floater."</p> <p>Nationally Required - No</p>
CA375	<p>Decision On Petition For No Further Action</p> <p>The event by which the State or EPA formally approves the petition by the RCRA facility for no further action.</p> <p>Nationally Required - No</p>
CA380	<p>Date For Public Notice On Proposed Remedy</p> <p>The event by which the State or EPA sends public notice that a proposed remedy has been tentatively selected for a RCRA facility. The public notice should specify where the documents upon which the Agency made its decision are located and when they are available for public review.</p> <p>Nationally Required - No</p>
CA400	<p>CA400-Remedy Decision</p> <p>The event by which the State or EPA formally selects a remedy designed to meet RCRA Corrective Action long-term goals of protection of human health and the environment. This event code also applies when no further corrective action is required because stabilization measure(s) have already been implemented or because the site characterization has demonstrated the attainment of the long-term RCRA Corrective Action goals.</p> <p>When a site-wide remedy decision has been made, Remedy Decision must be link to the "Entire Facility." Phased or partial remedies, or other remedy</p>

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decisions pertaining only to specific areas of the facility are to be linked only to the specific areas of implementation and not to the "Entire Facility."

Initiating Sources - A Remedy Decision and Response to Comments or other appropriate decision document that provides a description of the remedy. May be associated with a permit, administrative order or other agreement (including modification of existing instruments) to implement a final remedy.

Nationally Required - Yes

Schedule Date - The date the State or EPA decision maker is expected to sign the Remedy Decision and Response to Comments or other appropriate document.

Actual Date - The date that the EPA or State decision maker signs the Remedy Decision and Response to Comments or other appropriate document.

Responsible Agency - EPA or State

CA410 Date to Submit Remedy Design

The event that the RCRA facility submits complete, detailed design drawings of the remedy and its corresponding implementation schedule.

Nationally Required - No

CA450 Corrective Measures Design Approved

The event by which the State or EPA formally notifies the RCRA facility that the design of the corrective measure is acceptable.

Nationally Required - Yes

Schedule Date - Date the Director is expected to sign approval of the corrective measures design.

Actual Date - Date the permit, permit modification or enforcement order containing the corrective measures design is issued or the date the Director signs a letter to the facility owner/operator approving the corrective measures design prepared in response to schedule of compliance in a permit, permit modification or enforcement order.

CA460 Cost Estimate for Remedy Received

The event by which EPA or State receives a cost estimate for completing the remedy that the RCRA facility must implement.

Nationally Required - No

Schedule Date - Date in permit or order condition, or date facility is expected to submit estimate to State or U.S. EPA.

Actual Date - Date written estimate is received by the State or U.S. EPA.

CA470 Financial Assurance for Remedy Demonstration

Demonstration by the RCRA facility that it has established the appropriate financial assurance to complete the remedy.

Nationally Defined Values for Corrective Action Event Code

Nationally Required - No

Schedule Date - Date in permit or order condition, or date facility is expected to submit demonstration to the State or U.S. EPA.

Actual Date - Date written demonstration is received by the State or U.S. EPA.

CA500 **CMI Workplan Approved**

The event by which the State or EPA approves the Corrective Measure Implementation Program Plan, Construction Plans and Specification, Design Reports, Cost Estimates, Project Schedule, Operation and Maintenance Plan, Study Reports, Construction Quality Assurance Program Plan/Documentation and the Corrective Measure Implementation Report incorporating comments received on draft submissions.

Nationally Required - Yes

Actual Date - Date signed by Director.

CA510 **Determination of Technical Impracticability**

The event by which the State or EPA formally notifies the RCRA facility that the selected remedy cannot be accomplished because it is technically impracticable.

Nationally Required - Yes

CA550NR **Remedy Construction - No Remedy Constructed**

The event when the State of EPA acknowledges in writing that the RCRA facility has completed construction of a facility's remedy that was designed to achieve long-term protection of human health and the environment and that the remedy is fully functional as designed, whether or not final cleanup levels or other requirements have been achieved. Remedy construction may also acknowledge the event where no remedy is constructed.

This event code applies when 1) construction of the remedy(ies) have been completed or 2) the Remedy Decision and Response to Comments or other appropriate decision document indicates that no physical construction of a remedy has been needed since site characterization activities began or no construction is necessary beyond what has been implemented prior to the remedy decision as in the case of stabilization measures.

Remedy Construction for comprehensive remedies that address the entire facility (including off-site migration of contaminants) must be linked to the "Entire Facility" area. Phased or partial remedies are to be attached to specific area of implementation and not to the Entire Facility" area.

The status code NR - No Remedy Constructed applies on the actual date of the CA400-Remedy Decision if no physical construction of a remedy has been needed since site characterization activities began.

Initiating Sources - 1) State or EPA document(s) (e.g., letter to the facility, memorandum to file, etc.) acknowledging the completed construction of the final remedy in accordance with the requirements of permits, administrative orders, other agreements (including modification of existing instruments), or voluntary facility submissions containing equivalent information; or 2) a Remedy Decision and Response to Comments or other appropriate decision document indicating that no further physical construction of a remedy is needed.

Nationally Defined Values for Corrective Action Event Code

Nationally Required - Yes

CA550RC **Remedy Construction - Remedy Constructed**

Scheduled Date - 1)The date the State or EPA is expected to acknowledge, in writing, that any

The event when the State of EPA acknowledges in writing that the RCRA facility has completed construction of a facility's remedy that was designed to achieve long-term protection of human health and the environment and that the remedy is fully functional as designed, whether or not final cleanup levels or other requirements have been achieved. Remedy construction may also acknowledge the event where no remedy is constructed.

This event code applies when 1)construction of the remedy(ies) have been completed or 2)the Remedy Decision and Response to Comments or other appropriate decision document indicates that no physical construction of a remedy has been needed since site characterization activities began or no construction is necessary beyond what has been implemented prior to the remedy decision as in the case of stabilization measures.

Remedy Construction for comprehensive remedies that address the entire facility (including off-site migration of contaminants) must be linked to the "Entire Facility" area. Phased or partial remedies are to be attached to specific area of implementation and not to the Entire Facility" area.

The status code RC - Remedy Constructed applies after the actual date of the CA400-Remedy Decision when either 1)all necessary physical construction of the last corrective measure has been completed and all remedial systems are fully functional as designed, whether or not final cleanup levels or other requirements have been achieved, or 2)if all necessary physical construction of all remedial systems is fully functional as designed as a result of stabilization measures implemented prior to the actual date of the CA400-Remedy Decision whether or not final cleanup levels or other requirements have been achieved.

CA600 **Stabilization Measures Implemented**

Initiating Sources - 1)State or EPA document(s) (e.g., letter to the facility, memorandum to file, etc.) acknowledging the completed construction of the final remedy in accordance with the requirements of permits, administrative orders,

EPA's or the State's notification or written acknowledgement to the RCRA facility that a stabilization activity or activities are required or otherwise being undertaken. The notification mechanism could be an Enforcement order, order modification, permit, or permit modification or similar enforceable state authority requiring the facility to undertake stabilization activity; it may also take the form of a written acknowledgement from EPA or the State that stabilization activity is being undertaken. The notification or acknowledgement must contain written stabilization objectives, goals, performance standards, or desired results. The stabilization activity must control or abate threats to human health and/or the environment from releases, and/or prevent or minimize the further spread of contamination.

Status Codes:

- EC Exposure control by barrier and/or institutional control.
- GW Groundwater extraction and treatment.
- OT Other activity.
- SR Source removal and/or treatment.

Nationally Required - Yes

Nationally Defined Values for Corrective Action Event Code

Schedule Date - Date the Director is expected to sign the final order, order modification, permit, permit modification, or written acknowledgement.

Actual Date - Date the Director signs the final order, order modification, permit, permit modification, or written acknowledgement.

Guidance - The status codes for this event provide information on the types of stabilization actions that are being implemented. This information is routinely required in Congressional inquiries and will be helpful to Headquarters in characterizing national implementation efforts.

CA600EC Stabilization Measures Implemented - Exposure Control by Barrier and/or Institutional Control

EPA's or the State's notification or written acknowledgement to the RCRA facility that a stabilization activity or activities are required or otherwise being undertaken. The notification mechanism could be an Enforcement order, order modification, permit, or permit modification or similar enforceable state authority requiring the facility to undertake stabilization activity; it may also take the form of a written acknowledgement from EPA or the State that stabilization activity is being undertaken. The notification or acknowledgement must contain written stabilization objectives, goals, performance standards, or desired results. The stabilization activity must control or abate threats to human health and/or the environment from releases, and/or prevent or minimize the further spread of contamination. A status code of EC should be entered when the primary measure is exposure control by barrier and/or institutional control (e.g., capping, fencing, deed restrictions).

Nationally Required - Yes

Schedule Date - Date the Director is expected to sign the final order, order modification, permit, permit modification, or written acknowledgement.

Actual Date - Date the Director signs the final order, order modification, permit, permit modification, or written acknowledgement.

Guidance - The status codes for this event provide information on the types of stabilization actions that are being implemented. This information is routinely required in Congressional inquiries and will be helpful to Headquarters in characterizing national implementation efforts.

CA600GW Stabilization Measures Implemented - Groundwater Extraction and Treatment

EPA's or the State's notification or written acknowledgement to the RCRA facility that a stabilization activity or activities are required or otherwise being undertaken. The notification mechanism could be an Enforcement order, order modification, permit, or permit modification or similar enforceable state authority requiring the facility to undertake stabilization activity; it may also take the form of a written acknowledgement from EPA or the State that stabilization activity is being undertaken. The notification or acknowledgement must contain written stabilization objectives, goals, performance standards, or desired results. The stabilization activity must control or abate threats to human health and/or the environment from releases, and/or prevent or minimize the further spread of contamination. A status code of GW should be entered when the primary measure is groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).

Nationally Required - Yes

Schedule Date - Date the Director is expected to sign the final order, order modification, permit, permit modification, or written acknowledgement.

Actual Date - Date the Director signs the final order, order modification, permit, permit modification, or written acknowledgement.

Nationally Defined Values for Corrective Action Event Code

Guidance - The status codes for this event provide information on the types of stabilization actions that are being implemented. This information is routinely required in Congressional inquiries and will be helpful to Headquarters in characterizing national implementation efforts.

CA600OT Stabilization Measures Implemented - Other Activity

EPA's or the State's notification or written acknowledgement to the RCRA facility that a stabilization activity or activities are required or otherwise being undertaken. The notification mechanism could be an Enforcement order, order modification, permit, or permit modification or similar enforceable state authority requiring the facility to undertake stabilization activity; it may also take the form of a written acknowledgement from EPA or the State that stabilization activity is being undertaken. The notification or acknowledgement must contain written stabilization objectives, goals, performance standards, or desired results. The stabilization activity must control or abate threats to human health and/or the environment from releases, and/or prevent or minimize the further spread of contamination. A status code of OT should be entered when the primary measure is other activity.

Nationally Required - Yes

Schedule Date - Date the Director is expected to sign the final order, order modification, permit, permit modification, or written acknowledgement.

Actual Date - Date the Director signs the final order, order modification, permit, permit modification, or written acknowledgement.

Guidance - The status codes for this event provide information on the types of stabilization actions that are being implemented. This information is routinely required in Congressional inquiries and will be helpful to Headquarters in characterizing national implementation efforts.

CA600SR Stabilization Measures Implemented - Source Removal and/or Treatment

EPA's or the State's notification or written acknowledgement to the RCRA facility that a stabilization activity or activities are required or otherwise being undertaken. The notification mechanism could be an Enforcement order, order modification, permit, or permit modification or similar enforceable state authority requiring the facility to undertake stabilization activity; it may also take the form of a written acknowledgement from EPA or the State that stabilization activity is being undertaken. The notification or acknowledgement must contain written stabilization objectives, goals, performance standards, or desired results. The stabilization activity must control or abate threats to human health and/or the environment from releases, and/or prevent or minimize the further spread of contamination. A status code of SR should be entered when the primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).

Nationally Required - Yes

Schedule Date - Date the Director is expected to sign the final order, order modification, permit, permit modification, or written acknowledgement.

Actual Date - Date the Director signs the final order, order modification, permit, permit modification, or written acknowledgement.

Guidance - The status codes for this event provide information on the types of stabilization actions that are being implemented. This information is routinely required in Congressional inquiries and will be helpful to Headquarters in characterizing national implementation efforts.

CA650 Stabilization Construction Completed

The event by which the State or EPA formally notifies the RCRA facility that the interim measures undertaken have been completed to the satisfaction of the Agency; and/or the event by which the State or EPA formally notifies the RCRA facility that stabilization objectives have been met, but require continued

Nationally Defined Values for Corrective Action Event Code

operation and maintenance to maintain this level of performance.

Nationally Required - Yes

Schedule Date - Date the activity is expected to be completed.

Actual Date - Date the activity is completed.

Guidance - The proposed change to CA650 involves a refinement as to what stabilization completed should mean for the CA program. It was recommended that the corrective action program take credit nationally for stabilization efforts that are clearly completed, such as excavations, but also for those efforts that are performing to meet the Agency's stabilization objectives, yet require continued operation and maintenance to maintain this level of performance. As a result of this recommendation, the definition for CA650 has been updated to incorporate these concepts.

The new definition allows "credit" once EPA or the State provides a written determination that the stabilization activity at a facility is completed in a manner that meets the stabilization objectives, goals, performance standards, or desired results. For example, an excavation is completed once the contaminated material has been removed in accordance with the objective of the stabilization measure. An additional example is a groundwater stabilization measure in which a pump and treat system has been constructed and is operating in a manner which achieves the stabilization objective even though continued operation and maintenance is necessary to maintain this level of performance.

Data entered previously for this event will generally not need to be changed. Since the previous definition covered stabilization completed it has been assumed that this data will, if anything, represent actions that a

CA725

Current Human Exposures Under Control

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

A positive "Current Human Exposures Under Control" EI determination ("YE" status code) indicates that there are no "unacceptable" human exposures to "contamination" (i.e., contaminants in concentrations in excess of appropriate risk-based levels) that can be reasonably expected under current land- and groundwater-use conditions (for all "contamination" subject to RCRA corrective action at or from the identified facility [i.e., site-wide]).

While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993 (GPRA). The "Current Human Exposures Under Control" EI are for reasonably expected human exposures under current land- and groundwater-use conditions ONLY, and do not consider potential future land- or groundwater-use conditions or ecological receptors. The RCRA Corrective Action program's overall mission to protect human health and the environment requires that Final remedies address these issues (i.e., potential future human exposure scenarios, future land and groundwater uses, and ecological receptors).

EI determinations must be reevaluated when the Agency/State becomes aware of significant changes at the facility.

Nationally Defined Values for Corrective Action Event Code

Status Codes:

- IN More information is needed to make a determination.
- NO Current human exposures are not under control.
- YE Yes, Current Human Exposures Under Control has been verified

CA725IN Current Human Exposures Under Control - More Information Needed

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

A positive "Current Human Exposures Under Control" EI determination ("YE" status code) indicates that there are no "unacceptable" human exposures to "contamination" (i.e., contaminants in concentrations in excess of appropriate risk-based levels) that can be reasonably expected under current land- and groundwater-use conditions (for all "contamination" subject to RCRA corrective action at or from the identified facility [i.e., site-wide]).

While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993 (GPRA). The "Current Human Exposures Under Control" EI are for reasonably expected human exposures under current land- and groundwater-use conditions ONLY, and do not consider potential future land- or groundwater-use conditions or ecological receptors. The RCRA Corrective Action program's overall mission to protect human health and the environment requires that Final remedies address these issues (i.e., potential future human exposure scenarios, future land and groundwater uses, and ecological receptors).

EI determinations must be reevaluated when the Agency/State becomes aware of significant changes at the facility. A status code of IN should be entered if more information is needed to make a determination.

Nationally Required - Yes

Schedule Date - Date this event is anticipated.

Actual Date - Date that the EPA or

CA725NO Current Human Exposures Under Control - Not Under Control

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

A positive "Current Human Exposures Under Control" EI determination ("YE" status code) indicates that there are no "unacceptable" human exposures to "contamination" (i.e., contaminants in concentrations in excess of appropriate risk-based levels) that can be reasonably expected under current land- and groundwater-use conditions (for all "contamination" subject to RCRA corrective action at or from the identified facility [i.e., site-wide]).

Nationally Defined Values for Corrective Action Event Code

While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993 (GPRA). The "Current Human Exposures Under Control" EI are for reasonably expected human exposures under current land- and groundwater-use conditions ONLY, and do not consider potential future land- or groundwater-use conditions or ecological receptors. The RCRA Corrective Action program's overall mission to protect human health and the environment requires that Final remedies address these issues (i.e., potential future human exposure scenarios, future land and groundwater uses, and ecological receptors).

EI determinations must be reevaluated when the Agency/State becomes aware of significant changes at the facility. A status code of NO should be entered if the current human exposures are not under control.

Nationally Required - Yes

Schedule Date - Date this event is anticipated.

Actual Date - Date that the EPA or St

CA725YE Current Human Exposures Under Control - Under Control

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

A positive "Current Human Exposures Under Control" EI determination ("YE" status code) indicates that there are no "unacceptable" human exposures to "contamination" (i.e., contaminants in concentrations in excess of appropriate risk-based levels) that can be reasonably expected under current land- and groundwater-use conditions (for all "contamination" subject to RCRA corrective action at or from the identified facility [i.e., site-wide]).

While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993 (GPRA). The "Current Human Exposures Under Control" EI are for reasonably expected human exposures under current land- and groundwater-use conditions ONLY, and do not consider potential future land- or groundwater-use conditions or ecological receptors. The RCRA Corrective Action program's overall mission to protect human health and the environment requires that Final remedies address these issues (i.e., potential future human exposure scenarios, future land and groundwater uses, and ecological receptors).

EI determinations must be reevaluated when the Agency/State becomes aware of significant changes at the facility. A status code of YE should be entered if the current human exposures under control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected

CA750 Groundwater Releases Controlled Determination

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

Nationally Defined Values for Corrective Action Event Code

A positive "Migration of Contaminated Groundwater Under Control" EI determination ("YE" status code) indicates that the migration of "contaminated" groundwater has stabilized, and that monitoring will be conducted to confirm that contaminated groundwater remains within the original "area of contaminated groundwater" (for all groundwater "contamination" subject to RCRA corrective action at or from the identified facility [i.e., site-wide]). While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993 (GPRA). The "Migration of Contaminated Groundwater Under Control" EI pertains ONLY to the physical migration (i.e., further spread) of contaminated groundwater and contaminants with groundwater (e.g., non-aqueous phase liquids or NAPLs). Achieving this EI does not substitute for achieving other stabilization or final remedy requirements and expectations associated with sources of contamination and the need to restore, wherever practicable, contaminated groundwater to be suitable for its designated current and future uses.

EI determinations must be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Status Codes:

- IN More information needed.
- NO Unacceptable migration of groundwater is observed or expected.
- YE Migration of contaminated groundwater is under control.

CA750IN Groundwater Releases Controlled Determination - More Information Needed

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

A positive "Migration of Contaminated Groundwater Under Control" EI determination ("YE" status code) indicates that the migration of "contaminated" groundwater has stabilized, and that monitoring will be conducted to confirm that contaminated groundwater remains within the original "area of contaminated groundwater" (for all groundwater "contamination" subject to RCRA corrective action at or from the identified facility [i.e., site-wide]). While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993 (GPRA). The "Migration of Contaminated Groundwater Under Control" EI pertains ONLY to the physical migration (i.e., further spread) of contaminated groundwater and contaminants with groundwater (e.g., non-aqueous phase liquids or NAPLs). Achieving this EI does not substitute for achieving other stabilization or final remedy requirements and expectations associated with sources of contamination and the need to restore, wherever practicable, contaminated groundwater to be suitable for its designated current and future uses.

EI determinations must be re-evaluated when the Agency/State becomes aware of significant changes at the facility. A status code of IN should be entered when more information is needed to make a determination.

Nationally Required - Yes

Schedule Date - Date this event is anticipated.

Actual Date - D

Nationally Defined Values for Corrective Action Event Code

CA750NO Groundwater Releases Controlled Determination - Unacceptable Migration of GW is Observed or Expected

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

A positive "Migration of Contaminated Groundwater Under Control" EI determination ("YE" status code) indicates that the migration of "contaminated" groundwater has stabilized, and that monitoring will be conducted to confirm that contaminated groundwater remains within the original "area of contaminated groundwater" (for all groundwater "contamination" subject to RCRA corrective action at or from the identified facility [i.e., site-wide]). While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993 (GPRA). The "Migration of Contaminated Groundwater Under Control" EI pertains ONLY to the physical migration (i.e., further spread) of contaminated groundwater and contaminants with groundwater (e.g., non-aqueous phase liquids or NAPLs). Achieving this EI does not substitute for achieving other stabilization or final remedy requirements and expectations associated with sources of contamination and the need to restore, wherever practicable, contaminated groundwater to be suitable for its designated current and future uses.

EI determinations must be re-evaluated when the Agency/State becomes aware of significant changes at the facility. A status code of NO should be entered if unacceptable migration of contaminated groundwater is observed or expected.

Nationally Required - Yes

Schedule Date - Date this event is anticipated

CA750YE Groundwater Releases Controlled Determination - Migration of Contaminated GW is Under Control

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

A positive "Migration of Contaminated Groundwater Under Control" EI determination ("YE" status code) indicates that the migration of "contaminated" groundwater has stabilized, and that monitoring will be conducted to confirm that contaminated groundwater remains within the original "area of contaminated groundwater" (for all groundwater "contamination" subject to RCRA corrective action at or from the identified facility [i.e., site-wide]). While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993 (GPRA). The "Migration of Contaminated Groundwater Under Control" EI pertains ONLY to the physical migration (i.e., further spread) of contaminated groundwater and contaminants with groundwater (e.g., non-aqueous phase liquids or NAPLs). Achieving this EI does not substitute for achieving other stabilization or final remedy requirements and expectations associated with sources of contamination and the need to restore, wherever practicable, contaminated groundwater to be suitable for its designated current and future uses.

EI determinations must be re-evaluated when the Agency/State becomes aware of significant changes at the facility. A status code of YE should be entered if the migration of contaminated groundwater under control has been verified. Based on a review of information contained in the EI determination, it

Nationally Defined Values for Corrective Action Event Code

CA770GW Engineering Controls Established - Groundwater Control

This event signifies the establishment of engineering controls (ECs) as part of, or to augment, an interim or final corrective action. ECs consist of engineering measures (e.g., caps, treatment systems, etc.) designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants through environmental media. When ECs are established at the facility level (e.g., site security), this event should be linked to the "entire facility" area. When ECs are established and affect only portions of the RCRA facility, this event should be linked to the specific area affected by the control. A status code of GW should be entered for groundwater control which includes any EC pertaining to groundwater, including in situ and ex situ treatment like bioremediation, in situ permeable reactor barriers, monitored natural attenuation (MNA), long-term monitoring, etc.

Nationally Required - Yes

Schedule Date - Date ECs are projected to be fully constructed and operational.

Actual Date - Date ECs are fully constructed and operational.

Notes - Indicate location where additional information concerning the specific control can be accessed (e.g., responsible agency contact information, website address, etc.).

Also, the authority linked to the event code is the authority implementing corrective action. Enter information about the authority for a specific EC in the Notes field. The information entered into this field will be available to the public via Envirofacts.

Guidance - For further guidance with respect to ECs, refer to the latest One Cleanup Program guidance (OSWER 9355.0-74FS-P). This document can be found at <http://www.epa.gov/superfund/resources/institut/guide.pdf>.

CA770NG Engineering Controls Established - Non-groundwater Control

This event signifies the establishment of engineering controls (ECs) as part of, or to augment, an interim or final corrective action. ECs consist of engineering measures (e.g., caps, treatment systems, etc.) designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants through environmental media. When ECs are established at the facility level (e.g., site security), this event should be linked to the "entire facility" area. When ECs are established and affect only portions of the RCRA facility, this event should be linked to the specific area affected by the control. A status code of NG should be entered for non-groundwater controls referring to any control not related to groundwater, such as barriers or caps.

Nationally Required - Yes

Schedule Date - Date ECs are projected to be fully constructed and operational.

Actual Date - Date ECs are fully constructed and operational.

Notes - Indicate location where additional information concerning the specific control can be accessed (e.g., responsible agency contact information, website address, etc.).

Nationally Defined Values for Corrective Action Event Code

Also, the authority linked to the event code is the authority implementing corrective action. Enter information about the authority for a specific EC in the Notes field. The information entered into this field will be available to the public via Envirofacts.

Guidance - For further guidance with respect to ECs, refer to the latest One Cleanup Program guidance (OSWER 9355.0-74FS-P). This document can be found at <http://www.epa.gov/superfund/resources/institut/guide.pdf>.

CA772EP Institutional Controls Established - Enforcement and Permit Tools

This event signifies the establishment of institutional controls (ICs) as part of, or to augment, an interim or final corrective action. ICs are defined as non-engineered and/or legal controls that minimize the potential for human exposure to contamination by limiting land or resource use. When ICs are established at the facility level (e.g., site security), this event should be linked to the "entire facility" area. When ICs are established and affect only portions of the RCRA facility, this event should be linked to the specific areas affected by the control. A status code of EP should be entered for enforcement and permit tools which includes permits, orders, or other enforceable agreements.

Nationally Required - Yes

Schedule Date - Date ICs are projected to be fully implemented and effective.

Actual Date - Date ICs are fully implemented and effective.

Notes - Indicate location where additional information concerning the specific control can be accessed (e.g., responsible agency contact information, website address, etc.).

Also, the authority linked to the event code is the authority implementing corrective action. Enter information about the authority for a specific IC in the Notes field. The information entered into this field will be available to the public via Envirofacts.

Guidance - For further guidance with respect to ICs, refer to the latest One Cleanup Program guidance (OSWER 9355.0-74FS-P). This document can be found at <http://www.epa.gov/superfund/resources/institut/guide.pdf>.

CA772GC Institutional Controls Established - Governmental Control

This event signifies the establishment of institutional controls (ICs) as part of, or to augment, an interim or final corrective action. ICs are defined as non-engineered and/or legal controls that minimize the potential for human exposure to contamination by limiting land or resource use. When ICs are established at the facility level (e.g., site security), this event should be linked to the "entire facility" area. When ICs are established and affect only portions of the RCRA facility, this event should be linked to the specific areas affected by the control. A status code of GC should be entered when governmental control is implemented and enforced by State or local governments. It excludes permits, orders, and other enforceable agreements.

Nationally Required - Yes

Schedule Date - Date ICs are projected to be fully implemented and effective.

Actual Date - Date ICs are fully implemented and effective.

Nationally Defined Values for Corrective Action Event Code

Notes - Indicate location where additional information concerning the specific control can be accessed (e.g., responsible agency contact information, website address, etc.).

Also, the authority linked to the event code is the authority implementing corrective action. Enter information about the authority for a specific IC in the Notes field. The information entered into this field will be available to the public via Envirofacts.

Guidance - For further guidance with respect to ICs, refer to the latest One Cleanup Program guidance (OSWER 9355.0-74FS-P). This document can be found at <http://www.epa.gov/superfund/resources/institut/guide.pdf>.

CA772ID Institutional Controls Established - Information Device

This event signifies the establishment of institutional controls (ICs) as part of, or to augment, an interim or final corrective action. ICs are defined as non-engineered and/or legal controls that minimize the potential for human exposure to contamination by limiting land or resource use. When ICs are established at the facility level (e.g., site security), this event should be linked to the "entire facility" area. When ICs are established and affect only portions of the RCRA facility, this event should be linked to the specific areas affected by the control. A status code of ID should be entered for information devices including information or notification of contamination present at the property.

Nationally Required - Yes

Schedule Date - Date ICs are projected to be fully implemented and effective.

Actual Date - Date ICs are fully implemented and effective.

Notes - Indicate location where additional information concerning the specific control can be accessed (e.g., responsible agency contact information, website address, etc.).

Also, the authority linked to the event code is the authority implementing corrective action. Enter information about the authority for a specific IC in the Notes field. The information entered into this field will be available to the public via Envirofacts.

Guidance - For further guidance with respect to ICs, refer to the latest One Cleanup Program guidance (OSWER 9355.0-74FS-P). This document can be found at <http://www.epa.gov/superfund/resources/institut/guide.pdf>.

CA772PR Institutional Controls Established - Proprietary Control

This event signifies the establishment of institutional controls (ICs) as part of, or to augment, an interim or final corrective action. ICs are defined as non-engineered and/or legal controls that minimize the potential for human exposure to contamination by limiting land or resource use. When ICs are established at the facility level (e.g., site security), this event should be linked to the "entire facility" area. When ICs are established and affect only portions of the RCRA facility, this event should be linked to the specific areas affected by the control. A status code of PR should be entered where proprietary control relies on legal instruments placed in the chain of title for the property.

Nationally Required - Yes

Nationally Defined Values for Corrective Action Event Code

Schedule Date - Date ICs are projected to be fully implemented and effective.

Actual Date - Date ICs are fully implemented and effective.

Notes - Indicate location where additional information concerning the specific control can be accessed (e.g., responsible agency contact information, website address, etc.).

Also, the authority linked to the event code is the authority implementing corrective action. Enter information about the authority for a specific IC in the Notes field. The information entered into this field will be available to the public via Envirofacts.

Guidance - For further guidance with respect to ICs, refer to the latest One Cleanup Program guidance (OSWER 9355.0-74FS-P). This document can be found at <http://www.epa.gov/superfund/resources/institut/guide.pdf>.

CA999

Corrective Action Process Terminated

This event indicates the completion of the corrective action process; that active remedial measures as specified in the RCRA permit or enforcement order are completed for the entire facility or for areas at the facility.

This event should be entered 1) after the Certification of Remedy Completion or Construction Completion (CMI Completed) (CA550), and/or 2) after a stabilization measure(s) has been completed in a manner that meets the stabilization objectives, goals, performance standards, and/or desired results (CA650), and terminating corrective action at this point at the facility or area would satisfy all permit or order requirements for CA.

Status Codes:

NF No further action.

RM Remedial activities completed.

Nationally Required - Yes

Schedule Date - Date the event is scheduled to be completed.

Actual Date - Date the sequence of events was completed.

Guidance - This new definition clarifies the difference between CA210 and CA999. Regions have not been using these two events in a nationally consistent way, because national guidance has not been clear. CA999 means all remediation and stabilization has been completed at the facility or area of the facility and all requirements in facility permits and orders have been satisfied for the facility or area. CA210 means that the work is being done by another Federal authority. Since CA999 is an important success measure the definition must be clear to ensure that Regions and States will use the event consistently.

CA999NF

Corrective Action Process Terminated - No Further Action

This event indicates the completion of the corrective action process; that active remedial measures as specified in the RCRA permit or enforcement order are completed for the entire facility or for areas at the facility. A status code of NF should be entered when no further corrective action activities will be conducted.

Nationally Defined Values for Corrective Action Event Code

This event should be entered 1) after the Certification of Remedy Completion or Construction Completion (CMI Completed) (CA550), and/or 2) after a stabilization measure(s) has been completed in a manner that meets the stabilization objectives, goals, performance standards, and/or desired results (CA650), and terminating corrective action at this point at the facility or area would satisfy all permit or order requirements for CA.

Nationally Required - Yes

Schedule Date - Date the event is scheduled to be completed.

Actual Date - Date the sequence of events was completed.

Guidance - This new definition clarifies the difference between CA210 and CA999. Regions have not been using these two events in a nationally consistent way, because national guidance has not been clear. CA999 means all remediation and stabilization has been completed at the facility or area of the facility and all requirements in facility permits and orders have been satisfied for the facility or area. CA210 means that the work is being done by another Federal authority. Since CA999 is an important success measure the definition must be clear to ensure that Regions and States will use the event consistently.

CA999RM Corrective Action Process Terminated - Remedial Activities Completed

This event indicates the completion of the corrective action process; that active remedial measures as specified in the RCRA permit or enforcement order are completed for the entire facility or for areas at the facility. A status code of RM should be entered when all remedial activities have been completed.

This event should be entered 1) after the Certification of Remedy Completion or Construction Completion (CMI Completed) (CA550), and/or 2) after a stabilization measure(s) has been completed in a manner that meets the stabilization objectives, goals, performance standards, and/or desired results (CA650), and terminating corrective action at this point at the facility or area would satisfy all permit or order requirements for CA.

Nationally Required - Yes

Schedule Date - Date the event is scheduled to be completed.

Actual Date - Date the sequence of events was completed.

Guidance - This new definition clarifies the difference between CA210 and CA999. Regions have not been using these two events in a nationally consistent way, because national guidance has not been clear. CA999 means all remediation and stabilization has been completed at the facility or area of the facility and all requirements in facility permits and orders have been satisfied for the facility or area. CA210 means that the work is being done by another Federal authority. Since CA999 is an important success measure the definition must be clear to ensure that Regions and States will use the event consistently.

*** End of Report ***